

CLAIMS

What is claimed is:

1. An image forming apparatus comprising:
 - a photosensitive medium;
 - a plurality of developers consecutively disposed to attach a plurality of color toners consecutively onto the photosensitive medium, each of the developers comprising:
 - a developing roller, and
 - a supply roller;
 - a power supply to selectively supply a power to each of the developing rollers and the supply rollers of the developers; and
 - a controller to control the power supply to supply the power so that a potential difference is consecutively generated between the developing rollers and the respective supply rollers.
2. The image forming apparatus of claim 1, wherein each of the developers further comprises:
 - a toner container to store the color toner, the toner container having an opening, wherein the developing roller is disposed at the opening of the toner container, and the supply roller is disposed in contact with the developing roller in order to coat the color toner on a surface of the developing roller;
 - a regulation blade to regulate a thickness of a layer of the toner on the surface of the developing roller; and
 - a gap ring connected with the developing roller to contact the photosensitive medium.
3. A color image developing method for an image forming apparatus to form a color image on a photosensitive medium, comprising:

providing first through fourth developers each comprising:

a supply roller to supply a color toner, and

a developing roller;

attaching the color toner of the first developer on the photosensitive medium, comprising supplying a power to each of the supply rollers and the developing rollers, such that the power supplied to the supply roller of the first developer being greater than the power supplied to the developing roller of the first developer and the power supplied to the supply rollers of the second through fourth developers being less than or equal to the power supplied to the developing roller of the first developer;

attaching the color toner of the second developer on the photosensitive medium, comprising supplying the power to each of the supply rollers and the developing rollers such that the power supplied to the supply roller of the second developer is greater than the power supplied to the developing roller of the second developer, and the power supplied to the supply rollers of the first, third and fourth developers is less than or equal to the power supplied to the developing roller of the second developer;

attaching the color toner of the third developer on the photosensitive medium, comprising supplying the power to the rollers and the developing rollers such that the power supplied to the supply roller of the third developer is greater than the power supplied to the developing roller of the third developer, and the power supplied to the supply rollers of the first, second and fourth developers is less than or equal to the power supplied to the developing roller of the third developer; and

attaching the color toner of the fourth developer on the photosensitive medium, comprising supplying the power to each of the supply rollers and the developing rollers such that the power supplied to the supply roller of the fourth developer is greater than the power supplied to the developing roller of the fourth developer, and the power supplied to the supply rollers of the first, second and third developers is less than or equal to the power supplied to the

developing roller of the fourth developer.

4. An apparatus comprising:
a photosensitive medium; and
first and second developing rollers to respectively attach first and second color toners onto the photosensitive medium,
the first and second developing rollers being spaced a constant distance from the photosensitive medium.

5. The apparatus of claim 4, wherein the first and second developing rollers are spaced a same distance from the photosensitive medium.

6. The apparatus of claim 4, further comprising first and second supply rollers to respectively supply the first and second color toners to the first and second developing rollers,
wherein a first power is supplied to the first supply roller, a second power is supplied to the second supply roller, and the first power is greater than the second power.

7. The method of claim 6, wherein a third power is supplied to the first developing roller, the third power being less than the first power, and greater than or equal to the second power.

8. A method to form a color image on a photosensitive medium, comprising:
providing first and second developers each comprising:
a supply roller to supply a color toner to the photosensitive medium, and
a developing roller;
supplying a first power to the supply roller of the first developer; and

supplying a second power to the supply roller of the second developer,
the first power being greater than the second power.

9. The method of claim 8, further comprising:

supplying a third power to the developing roller of the first developer,

the third power being less than the first power, and greater than or equal to the second
power.